LYON COUNTY, MINNESOTA COMPREHENSIVE HYDRIC SOILS LIST

Map unit symbol and		l	 Hydric 	 	HYDRIC SOIL CRITERIA *					
map unit name		Component percent 			Hydric criteria code	Meets saturation criteria	_	-	Mapunit acres 	
6: 			İ	ii		-ii		i ————	15,400	
AASTAD CLAY LOAM, 0 TO 2 PERCENT SLOPES	 AASTAD	90	l No					ļ	}	
	 FLOM	! ! 5	Yes	Swales	2B3	YES	NO	i no	}	
	QUAM	! ! 5	Yes	Depressions	2B3,3	YES	NO	YES	}	
33B:	<u> </u>	! !	!					!	20,650	
BARNES LOAM, 1 TO 4 PERCENT SLOPES	BARNES	90	No						!	
	FLOM	5	Yes	Swales	2B3	YES	NO	NO NO	1	
	QUAM	5	Yes	Depressions	2B3,3	YES	NO	YES	1	
33B2:	į	 						! !	21,050	
BARNES LOAM, 3 TO 6 PERCENT SLOPES, ERODED	 BARNES	! 90	 No					 	į	
ERODED	BARNES FLOM	90 5	NO Yes	 	2B3	YES I		i	į	
	i	İ	İ	i i		j j	NO	NO 	į	
26.	QUAM	5 	Yes	Depressions	2B3,3	YES	NO	YES 	1 20 560	
36: FLOM CLAY LOAM	FLOM	95	Yes	Swales	2B3	YES	NO	NO NO	29,560	
	QUAM	5	Yes	Depressions	3,2B3	YES	NO	YES	!	
51:		 						 	6,100	
LA PRAIRIE LOAM	LA PRAIRIE	95 _	No	i i		i i		i	!	
70	LAMOURE	[5 [Yes	Flood plains	2B3	YES	NO	I NO		
70: SVEA LOAM, 1 TO 3	!	! !						!	3,900	
PERCENT SLOPES	SVEA	90 _	No						!	
	FLOM	[5 [_	Yes	Swales	2B3	YES	NO	NO	-	
••	QUAM	5 	Yes 	Depressions	2B3,3	YES	NO	YES		
66: CANISTEO CLAY LOAM	CANISTEO	l ! 95	Yes	Flats	2B3	YES	NO	l NO	54,800 	
	GLENCOE	! ! 5	Yes	Depressions	2B3,3	YES	NO	 YES	}	
114:	!	! !	!					!	14,250	
GLENCOE SILTY CLAY LOAM	GLENCOE	l ! 95	Yes	Depressions	2B3,3	YES	NO	 YES	}	
	ROLFE	! ! 5	Yes	Depressions	2B3,3	YES	NO	 YES	}	
127:	!	! !	!					! !	1,040	
SVERDRUP SANDY LOAM, 0 TO 2 PERCENT SLOPES	 SVERDRUP	l ! 90	l No					! !	!	
	 FLOM	 5	 Yes	Swales	2B3	YES	NO	l NO	!	
	 LAMOURE] ! 3	 Yes	Flood plains	2B3	YES	NO	l NO	!	
	VERY POORLY	!		_					-	
405-	DRAINED SOIL] 2]	Yes	Depressions	2B3,3	YES	NO	YES		
127B: SVERDRUP SANDY LOAM, 2		! !						!	1 2,000 !	
TO 6 PERCENT SLOPES	SVERDRUP	90 _	No						!	
	FLOM	5 	Yes	Swales	2B3	YES	NO	I NO	!	
	LAMOURE	3 	Yes	Flood plains	2B3	YES	NO	I NO	!	
	VERY POORLY DRAINED SOIL	2	Yes	Depressions	2B3,3	YES	NO	YES	}	
149B:	!	! !	!					!	12,600	
EVERLY CLAY LOAM, 2 TO 4 PERCENT SLOPES	EVERLY	90	l No					ļ	}	
	GLENCOE	! ! 5	Yes	Depressions	2B3,3	YES	NO	YES	}	
	LETRI	l 5	 Yes	Swales	2B3	YES	NO	l NO		
149B2:		! !	!					!	3,130	
EVERLY CLAY LOAM, 3 TO 6 PERCENT SLOPES,	1		 							
ERODED	EVERLY	90 	No					 !	1 0==	
149C2: EVERLY CLAY LOAM, 6 TO	İ	!	!					!	1,055	
12 PERCENT SLOPES, ERODED	 EVERLY	l 90	l No					ļ		
	GLENCOE	 5	 Yes	Depressions	3,2B3	YES	NO	 YES		
	 LETRI	l I 5	 Yes		2B3	YES	NO	l no	!	

Map unit symbol and	 	 	 Hydric 		 HYDRIC SOIL CRITERIA *					
map unit name	 Component 	Component percent 			Hydric criteria code	Meets saturation criteria	_	-	Mapunit acres 	
168B:	i	i	i	ii		; ;		i	24,000	
FORMAN CLAY LOAM, 2 TO 4 PERCENT SLOPES	 FORMAN	j j 90	i I No	i i				i I	į ′	
	 FLOM	 5	 Yes	 Swales	2B3	YES	NO	l no	!	
	UUAM	5	 Yes	 Depressions 	3,2B3	YES	NO	 YES		
168B2: FORMAN CLAY LOAM, 3 TO			 	i i				 	15,800	
6 PERCENT SLOPES, ERODED	 FORMAN	i j 90	No	i i		i i		i i	İ	
	 FLOM	l 5	 Yes	 Swales	2B3	YES	NO	l I NO		
	 QUAM	 5	 Yes	 Depressions	2B3,3	YES	NO	 YES	!	
184: HAMERLY LOAM, 1 TO 3			 					 	2,350	
PERCENT SLOPES	 HAMERLY	90	No							
	QUAM	j 5	Yes	Depressions	2B3,3	YES	NO	YES	į	
	VALLERS 	j 5	Yes	Flats 	2B3	i YES i	NO	i no I	İ	
210: FULDA SILTY CLAY	 FULDA	j j 90	Yes	 Flats	2B3	YES	NO	i I no	i 1,445	
	OLDHAM	10	Yes	 Depressions	3,2B3	YES	NO	 YES		
212: SINAI SILTY CLAY, 1 TO			 					 	1,715	
3 PERCENT SLOPES	 SINAI	90	No							
	FULDA	5	Yes	Flats	2B3	YES	NO	NO	į	
	OLDHAM	j 5	Yes	Depressions 	3,2B3	YES I	NO	YES	į	
219: ROLFE LOAM	 ROLFE	90	 Yes	 Depressions	2B3,3	YES	NO	 YES	280 	
	 GLENCOE	10	 Yes	 Depressions	3,2B3	YES	NO	 YES	!	
236: VALLERS CLAY LOAM	 	 90	 		2B3		NO	 	6,700	
VALLERS CLAY LOAM	VALLERS OUAM	İ	Yes Yes	Flats Depressions	2B3 2B3,3	YES YES	NO NO	NO YES		
241:	QOAM 		163 	Deplessions 	253,3		110	125 	8,000	
LETRI CLAY LOAM	LETRI 	j 90	Yes	Swales	2B3	YES I	NO	i no		
	ROLFE	10	Yes 	Depressions 	2B3,3	YES	NO	YES 		
246: MARYSLAND LOAM	 MARYSLAND	90	 Yes	 Flats	2B3	YES	NO	l no	j 3,970 !	
	 VERY POORLY DRAINED SOIL	10	 	 	202 2		NO	 YES	-	
276:	DRAINED SOIL	10	Yes 	Depressions 	2B3,3	155	NO	l ies	1,475	
OLDHAM SILTY CLAY LOAM	OLDHAM	90	Yes	Depressions	2В3,3	YES	NO	YES	1,473	
	URNESS	i 10	Yes	Depressions	2B3,3	YES I	NO	i YES	İ	
284B: POINSETT SILTY CLAY	 		 					 	2,600	
LOAM, 1 TO 4 PERCENT SLOPES	 POINSETT	90	No					ļ !	!	
	 FULDA	5	 Yes	 Flats	2B3	YES	NO	I NO	-	
	OLDHAM	5	Yes	 Depressions 	3,2B3	YES	NO	YES		
284B2: POINSETT SILTY CLAY			 	i i				 	680	
LOAM, 3 TO 6 PERCENT SLOPES, ERODED	 POINSETT	i 90	No	i i		i i		i 	į	
,	 FULDA	İ	 Yes	 Flats	2B3	YES	NO	i I NO	İ	
	OLDHAM	5	 Yes		2В3,3	YES	NO	 YES	!	
284C2:		!							565	
POINSETT SILTY CLAY LOAM, 6 TO 12 PERCENT	 POINSETT	 90	 No					 		
SLOPES, ERODED	POINSETT FULDA	İ	NO Yes	 Flats	2B3	 YES	NO	I NO	İ	
	OLDHAM	İ	Yes	Placs Depressions	3,2B3	YES	NO	YES	į	
335:	i I	İ	i I		- /	i i	===	i	i 2,250	
URNESS SILT LOAM	URNESS 	İ	Yes	Depressions 	3,2B3	i YES i	NO	j yes I	1	
	OLDHAM	10 	Yes 	Depressions 	3,2B3	YES	NO	YES 		

Map unit symbol and	 	! 	 	 Local landform 	HYDRIC SOIL CRITERIA *					
map unit name	 Component 	 Component percent 	Hydric 		Hydric criteria code	Meets saturation criteria	Meets flooding criteria		Mapunit acres 	
339:	<u> </u>	i 		<u> </u>					2,900	
FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	 FORDVILLE	 90	No						!	
	FLOM	! ! 5	Yes	Swales	2B3	YES	NO	NO		
	LAMOURE	3	Yes	 Flood plains	2B3	YES	NO	NO		
	 VERY POORLY DRAINED SOIL 	 2 	 Yes 	 Depressions 	2B3,3	YES	NO	YES		
339B: FORDVILLE LOAM, 2 TO 6		! !	! !						1,730 !	
PERCENT SLOPES	FORDVILLE	90 _	No							
	FLOM	İ	Yes	Swales	2B3	YES	NO	NO		
	LAMOURE VERY POORLY DRAINED SOIL	İ I	Yes Yes	Flood plains 	2B3 3,2B3	YES YES	NO NO	NO YES		
341:	 	i -	-00		0,220				2,050	
ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	 ARVILLA	i i 90	No	i i		i i				
	 FLOM	i i 5	Yes	i i Swales	2B3	i YES I	NO	NO NO	İ	
	 VERY POORLY DRAINED SOIL	i 5	 Yes	 Depressions	2B3,3	i i I yes i	NO	YES	i i	
341B:	 	 	 						i i 3,500	
ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	 ARVILLA	l 90	l No							
	 FLOM	 5	 Yes	 Swales	2B3	YES	NO	NO		
	 VERY POORLY DRAINED SOIL	 5	 Yes	 Depressions	2B3,3	YES I	NO	YES	 	
341C:	!	! 	 	ļ ļ					1,350	
ARVILLA SANDY LOAM, 6 TO 12 PERCENT SLOPES	ARVILLA	90	No	ļ ļ						
	FLOM	5	Yes	Swales	2B3	YES	NO	NO		
	 VERY POORLY DRAINED SOIL	 5	 Yes 	 Depressions 	2B3,3	YES	NO	YES		
344: QUAM SILTY CLAY LOAM	i Quam	i I 90	 Yes		2B3,3	i YES I	NO	YES	i 6,120	
	 OLDHAM	 10	 Yes	Depressions	2B3,3	YES	NO	YES		
345: WILMONTON CLAY LOAM, 0	į	i I	İ	į į					4,600	
TO 2 PERCENT SLOPES	WILMONTON	j 90	No	i i		i i			į	
	GLENCOE	j 5 I	Yes	Depressions	2B3,3	i YES i	NO	YES	İ	
	LETRI	j 5 l	Yes 	Swales	2B3	YES	NO	NO		
347: MALACHY LOAM	 MALACHY	l I 90	 No						i 800	
	 MARYSLAND	 5	 Yes	 Flats	2B3	YES	NO	NO	!	
	VERY POORLY	! _	 	_	2.052		***		!	
400m.	DRAINED SOIL	j 5 !	Yes 	Depressions	3,2B3	YES	NO	YES	 290	
402E: SIOUX SOILS, 2 TO 40 PERCENT SLOPES	 SIOUX	! ! ! 90	 No	 					290 	
	POORLY DRAINED SOIL	i 10	 Yes	 Drainageways	2B3	YES	NO	NO		
418: LAMOURE SILTY CLAY	į	į	į	į į					11,250	
LOAM	LAMOURE	j 90 I	Yes	Flood plains	2B3	i YES i	NO	NO	İ	
	RAUVILLE	i 10 I	Yes	Flood plains	2B3,4	i YES i	YES	NO	İ	
421B: VES LOAM, 1 TO 4 PERCENT SLOPES	 	i 90	 No	 					29,750 	
	 CANISTEO	 5	 Yes	 Flats	2B3	YES	NO	NO	!	
	GLENCOE	 5	 Yes	Depressions	2B3,3	YES	NO	YES	!	
421B2:	!	!							22,779	
VES LOAM, 3 TO 6 PERCENT SLOPS, ERODED	VES	 90	l No							
	CANISTEO	 5	 Yes		2B3	YES	NO	NO		
	GLENCOE	5 	 Yes 	Depressions 	3,2B3	YES	NO	YES	İ	

Map unit symbol and	 	 	I I		HYDRIC SOIL CRITERIA *					
map unit name	Component 	 Component percent 	Hydric 	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	Mapunit acres 	
423:	; 	i 	i 	; <u></u>		;		i 	10,930	
SEAFORTH LOAM, 1 TO 3 PERCENT SLOPES	 SEAFORTH	i I 90	i I No					i 		
	 CANISTEO	 5	 Yes	Flats	2B3	YES	NO	NO NO	!	
	GLENCOE	l 5 	 Yes	Depressions	3,2B3	YES	NO	YES		
437E: BUSE LOAM, 18 TO 25		 						 	2,650	
PERCENT SLOPES	BUSE	90	No						į	
	FLOM	j 5	Yes	Swales	2B3	YES	NO	NO NO	į	
	LAMOURE	j 5 I	Yes	Flood plains	2B3	i YES i	NO	NO	į	
437F: BUSE LOAM, 25 TO 40 PERCENT SLOPES	i BUSE	i 90	 No	 				 	i 4,200	
	FLOM	l 5 	 Yes	Swales	2B3	YES	NO	NO NO		
	LAMOURE	 5	 Yes	Flood plains	2B3	YES	NO	NO NO		
446: NORMANIA LOAM, 1 TO 3								 	8,900	
PERCENT SLOPES	NORMANIA	I I 90 I	l No							
	CANISTEO	5	Yes	Flats	2B3	YES	NO	NO	į	
	GLENCOE	j 5	Yes	Depressions	2B3,3	YES	NO	YES	į	
450: RAUVILLE SILTY CLAY	İ	i I	i i			į į		i I	j 3,500	
LOAM	RAUVILLE	j 90 I	l Yes	Flood plains	4,2B3	YES	YES	i no	i I	
	LAMOURE	10 	Yes 	Flood plains 	2B3	YES	NO	I NO		
494B: DARNEN LOAM, 2 TO 6] 	 					 	2,210 	
PERCENT SLOPES	DARNEN	90 _	No 					 	!	
	FLOM	5 _	Yes	Swales	2B3	YES	NO	NO	!	
00470	QUAM	[5 [Yes 	Depressions	3,2B3	YES	NO	YES 	1	
894D2: STORDEN-EVERLY COMPLEX, 12 TO 18 PERCENT SLOPES,	 		 						385	
ERODED ,	STORDEN	60	No			i i			į	
	EVERLY	35	No					 	į	
	GLENCOE	j 3 I	Yes	Depressions	2B3,3	i YES i	NO	YES	į	
	 LETRI	j j 2	i I Yes	Swales	2B3	i YES i	NO	i I NO	İ	
902C2: BARNES-BUSE LOAMS, 6 TO 12 PERCENT SLOPES,	 	 	 					 	15,700	
ERODED	BARNES	j 55	No	i i		i i			į	
	BUSE	i 45 I	i No					i	į	
	FLOM	İ	i Yes I	Swales	2B3	i YES i	NO	i no	İ	
	QUAM	l 2 l	Yes 	Depressions	2B3,3	YES	NO	YES 		
904B2: ARVILLA-BARNES-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES,	 	 	 					 	550 	
ERODED	ARVILLA	40	No					 	į	
	BARNES	i 30	No			i i		i	į	
	BUSE	İ	i No I					j I	i I	
	FLOM	i ·	Yes 	Swales	2B3	YES	NO	I NO		
	QUAM	[5 [Yes 	Depressions	2B3,3	YES	NO	YES 		
904C2: ARVILLA-BUSE-BARNES COMPLEX, 6 TO 12 PERCENT SLOPES,		 	 					 	1,650 	
ERODED SLOPES,	ARVILLA	 40 	No							
	BUSE	i 30	No			i i			İ	
	BARNES	İ	No			i i		 	İ	
	FLOM	İ	Yes	Swales	2B3	YES	NO	NO		
	QUAM	j 5	Yes	Depressions	3,2B3	į YES į	NO	YES		

Map unit symbol and	-	 -	!		HYDRIC SOIL CRITERIA *					
map unit name		 Component percent 	Hydric 		Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	Mapunit acres 	
913D2:	İ	i	i 			;i		i I	3,150	
BUSE-BARNES LOAMS, 12 TO 18 PERCENT SLOPES,	!	!	!					 		
ERODED	BUSE	60 	No					 	-	
	BARNES] 30 ! -	No						-	
	FLOM	5 _	Yes	Swales	2B3	YES	NO	NO	-	
01 500 -	QUAM	5 	Yes	Depressions 	3,2B3	YES	NO	YES 	0.200	
915C2: FORMAN-BUSE COMPLEX, 6									8,300	
TO 12 PERCENT SLOPES, ERODED	FORMAN	50	No	i i					•	
	BUSE	40	No	i i					•	
	FLOM	5	Yes	Swales	2в3	YES	NO	NO NO	ļ	
	QUAM	5	Yes	Depressions	2в3,3	YES	NO	YES	ļ	
915D2: BUSE-FORMAN COMPLEX,	İ	į	į						3,250	
12 TO 18 PERCENT SLOPES, ERODED	 BUSE	 60	l No					 	į	
SHOPES, ERODED	FORMAN	I I I 30	l No	 					į	
	LAMOURE	30 3	No Yes	 Flood plains	2B3	YES	NO	I NO	į	
	OUAM	3 2	Tes Yes	Flood plains 	2B3,3	YES I	NO	NO YES	į	
917D2:	 	-	163	Deplessions 	253,3		NO	1 125	330	
BUSE-SIOUX COMPLEX, 12 TO 18 PERCENT SLOPES,	İ	İ	į	İ						
ERODED EROENT SHOPES,	BUSE	50	No	i i		i i			į	
	sioux	40	No	i i		i i			į	
	FLOM	5	Yes	Swales	2B3	YES	NO	NO	į	
	QUAM	5	Yes	Depressions	2B3,3	YES	NO	YES	į	
917E: BUSE-SIOUX COMPLEX, 18	İ	į	į						390	
TO 40 PERCENT SLOPES	BUSE	45	No	i i		i i			į	
	 sioux	i I 45	No	i i		i i		 	į	
	 FLOM	i i 10	Yes	 Swales	2B3	YES	NO	NO	İ	
953C:		i							i i 365	
ARVILLA-STORDEN-VES COMPLEX, 6 TO 15	į	į	į	į į				į		
PERCENT SLOPES	ARVILLA	i 40	No	į į		i i			į	
	STORDEN	j 30	No	į į		i i			į	
	VES	j 25	No	į į		i i			į	
	CANISTEO	j 3	Yes	Flats	2B3	i YES i	NO	NO	į	
	GLENCOE	j 2 I	Yes	Depressions	2B3,3	i YES i	NO	YES	İ	
954C2: STORDEN-VES LOAMS, 5	İ	į i	į i	į į				j I	j 7,000	
TO 12 PERCENT SLOPES, ERODED	 STORDEN	i I 55	i I No	i i				i i	İ	
	 VES	i i 35	i I No	i i				i I	İ	
	 CANISTEO	i I 5	 Yes	 Flats	2B3	YES	NO	i I no	İ	
	 GLENCOE	i I 5	 Yes	 Depressions	3,2B3	i YES I	NO	i I YES	İ	
954D2:		 	! !	-] 	1 425	
STORDEN-VES LOAMS, 12 TO 18 PERCENT SLOPES,	!	 		İ				 		
ERODED	STORDEN	İ	No	 				 		
	VES	30 	No	 				 		
	CANISTEO	5 	Yes 	Flats 	2B3	YES	NO	I NO		
	GLENCOE	[5 [Yes	Depressions 	2B3,3	YES	NO	YES		
986: LAMOURE AND LA PRAIRIE	!	! !	!					 	13,850 	
SOILS, FREQUENTLY FLOODED	 LA PRAIRIE	 45	 No						!	
	 LAMOURE	 45	 Yes	 Flood plains	2B3,4	YES	YES	l no	!	
	 RAUVILLE	1 10	 Yes	 Flood plains	2B3,4	YES	YES	l no		
1016:		 						 	j 500	
UDORTHENTS	UDORTHENTS	i 100 !	Unranked					 	! _	
1029: PITS, GRAVEL	 PITS	 100	 Unranked					 	i 790	
•	İ	ĺ	İ	i i		i i		İ	İ	

Map unit symbol and	 	 	!	 Local landform 	HYDRIC SOIL CRITERIA *					
map unit name		Component percent	Hydric Hydric 		Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	Mapunit acres 	
1032: AQUENTS AND UDORTHENTS	AQUENTS	 65	Unranked					 	365	
	UDORTHENTS	30	Unranked							
1053: AQUOLLS AND AQUENTS,		 						! !	6,650	
PONDED AND AQUENTS,	AQUOLLS	55	Yes	Depressions	2B3,3	YES	NO	YES	į	
	AQUENTS	35	Yes	Depressions	2B3,3	YES	NO	YES		
1356: WATER, MISCELLANEOUS	 WATER, MISCELLANEOU S	100	 						36	
1809: BEARDEN COMPLEX	 BEARDEN	 90	 No						4,600	
	COLVIN	5	Yes	Flats	2B3	YES	NO	NO NO	ļ	
	OLDHAM	5	Yes	Depressions	2B3,3	YES	NO	YES	ļ	
1810: COLVIN COMPLEX	 COLVIN	 90	Yes	Flats	2B3	YES	NO	NO NO	11,100	
	OLDHAM	10	Yes	Depressions	2B3,3	YES	NO	YES		
1814: OLDHAM SILTY CLAY	 OLDHAM	 90	 Yes	 	2B3,3	YES	NO	 	840	
	URNESS	10	Yes	Depressions	2B3,3	YES	NO	YES	į	
W: WATER	 WATER	 100	 Unranked					 	8,296	